

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	screen adj5 gravel adj5 sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/17 20:07
L2	3597	screen adj5 sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/17 20:02
L3	37990	("166").CLAS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/17 19:54
L4	15	2 and 3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/17 19:54
L5	18	("3313349" "3409078" "4436151" "4722392" "4768594" "4840229" "4940093" "5048611" "5473579" "5505263" "5564500" "5636691").PN. OR ("6065535").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/17 19:57
L6	9	(mesh or fiber) adj5 sensor adj8 gravel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/17 20:02
L7	40	("20010020675" "20020007948" "3864970" "4375164" "4783995" "4945991" "4976142" "5163321" "5186255" "5350018" "5485745" "5515915" "5517593" "5579842" "5690171" "5844927" "5890533" "5925879" "5938925" "6041860" "6065535" "6065538" "6125933" "6173788" "6192983" "6209640" "6220353" "6253856" "6279392" "6281489" "6292066" "6296056" "6302204" "6325146" "6343651" "6359569" "6457518" "6478092" "6505682" "6554064").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/17 20:03

L8	8	screen adj5 intelligent adj5 sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/17 20:11
L9	42	("3692114" "3913676" "3926409" "3963076" "4253522" "4401158" "4541486" "4566538" "4606408" "4858690" "5033549" "5115860" "5156220" "5174379" "5211241" "5219025" "5287930" "5311936" "5318121" "5332038" "5337808" "5343953" "5355953" "5370180" "5377749" "5377750" "5443117" "5579844" "5609204" "5620050" "5641023" "5746274" "5842516" "5865251" "5875852" "5896928" "5931229" "5941307" "5975205" "6216785" "6281489" "RE34758").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/17 20:07
L10	6	gravel adj pack adj5 sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/17 20:11
L11	5	("5183110").URPN.	USPAT	OR	OFF	2005/08/17 20:12
L12	16	("20020007948" "3688188" "4890682" "4972906" "5247156" "5309405" "5476143" "5477506" "5577559" "5579842" "5664628" "5730223" "5803170" "5964296" "6065535" "6125933").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/17 20:13
S1	84748	((("166") or ("175")).CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/04 12:53
S2	1593	S1 and mesh and screen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/22 07:27
S3	6759074	S2 and design or material	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/22 07:28

S4	1423	S2 and (design or material)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/22 07:30
S5	413	S4 and layers	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/22 07:40
S6	288	S5 and gravel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/22 07:57
S7	288	S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/22 07:57
S8	155	S6 and fiber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/22 07:57
S9	23	("0380419" "1276213" "1647907" "20020125009" "20030056947" "20030056948" "3556219" "3816894" "4064938" "4657079" "5163321" "5355948" "5355949" "5450898" "5515915" "6220345" "6227303" "6281489" "6457518" "6575245").PN. OR ("6848510"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/22 09:38
S10	5	((("0684951") or ("6554064"))).PN.	USPAT; USOCR; DERWENT	OR	OFF	2005/03/22 09:40
S11	2	("6684951").PN.	USPAT; USOCR; DERWENT	OR	OFF	2005/03/22 09:40
S12	30	("0713544" "1406825" "2458118" "2729294" "2877852" "3101526" "3385373" "3389797" "3525139").PN. OR ("3816894"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/22 09:47
S13	10	("3101526").URPN.	USPAT	OR	OFF	2005/03/22 11:22
S14	436803	((("166") or ("210") or ("164") or ("266") or ("29") or ("175"))).CLAS.	USPAT; USOCR; DERWENT	OR	OFF	2005/03/22 11:24

S15	16818	S14 and screen	USPAT; DERWENT	OR	OFF	2005/03/22 11:25
S16	5883	S15 and mesh	USPAT; DERWENT	OR	OFF	2005/03/22 11:26
S17	2154054	S16 layer\$2	USPAT; DERWENT	OR	OFF	2005/03/22 11:26
S18	2871	S16 and layer\$4	USPAT; DERWENT	OR	OFF	2005/03/22 11:26
S19	40	S18 and seamless	USPAT; DERWENT	OR	OFF	2005/03/22 11:32
S20	636	S18 and porosity	USPAT; DERWENT	OR	OFF	2005/03/22 11:33
S21	84807	((("166") or ("175"))).CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/25 15:43
S22	532	S21 and orthogonal	USPAT; DERWENT	OR	OFF	2005/03/25 15:23
S23	750	S21 and orthogonal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/25 15:23
S24	60	S23 and seam\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/25 15:26
S25	18	S24 AND GRAVEL	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/25 15:24
S26	8	S21 and (orthogonal with layer\$3)	USPAT; DERWENT	OR	OFF	2005/03/25 15:30
S27	4	S21 and (orthogonal with screen\$3)	USPAT; DERWENT	OR	OFF	2005/03/25 15:30
S28	135556	((("166") or ("175") or ("138"))). CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/25 15:43
S29	0	("16and(seamlesswithtub\$4)").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/25 15:44

S30	332	S28 and (seamless with tub\$4)	USPAT; DERWENT	OR	OFF	2005/03/25 15:44
S31	725	S28 and (seamless with tub\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/25 15:45
S32	3	S30 and orthogonal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/25 15:45
S33	92	S31 and mesh	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/25 15:46
S34	0	(166/(230,228,233)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/25 17:29
S35	0	(166/((230)(228)(233))).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/25 17:30
S36	859	((166/230) or (166/228) or (166/233)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/25 17:30
S37	3	S36 and seamless	USPAT; DERWENT	OR	OFF	2005/03/25 17:30
S38	65	("1874035" "2139975" "2335558" "2554343" "2600150" "2826805" "2876097" "2963163" "3033783" "3201858" "3313621" "3425490" "3567437" "3605245" "3632243" "3746642" "3785038" "3897531" "4071937" "4072616" "4088580" "4186100" "4217141" "4483820" "4705611" "4755265" "4811790" "4821800" "5004049" "5088554").PN. OR ("5293935").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/25 17:32
S39	627	metal and filter and gravel and base and pipe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/01 13:05

S40	195	S39 and fiber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/01 13:05
S41	85126	((("166") or ("175"))).CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/04 12:53
S42	102	S41 and weave	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/04 13:01
S43	1176	S41 and seam\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/04 13:01
S44	209	S43 and filter\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/04 13:21
S45	180	S41 and seamless	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/04 13:28
S46	59868	((("166") or ("175") or ("230"))). CLAS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/04 13:28
S47	4752	S46 and filter\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/04 13:29
S48	76	S47 and seamless	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/04 13:44
S49	3	((("5711879") or ("5833853"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/04 13:55

S50	3	"399254".apn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/04 14:11
S51	1	"399254".apn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/04 14:12
S52	0	"60399254".apn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/04 14:12
S53	0	"60/399254".apn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/04 14:12
S54	1	60/399254	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/04 14:47
S55	2	60/222862	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/04 14:14
S56	1	"60399254"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/04 14:47
S57	0	("2004/0084177").URPN.	USPAT	OR	OFF	2005/04/04 14:48
S58	17	("2217370" "2819800" "4225442" "4240908" "4434054" "4473472" "5039413" "5230726" "5290446" "5508370").PN. OR ("5833853").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/04 14:48
S59	14	("2217370").URPN.	USPAT	OR	OFF	2005/04/04 15:02
S60	31	("0101469" "0679681" "0746096" "1662726" "2035758" "2217370" "2985241").PN. OR ("4494603").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/04 15:05
S61	10	("2035758").URPN.	USPAT	OR	OFF	2005/04/04 15:10

S62	2	("4613369").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/07 09:03
S63	670	whitlock.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/07 09:12
S64	4	((("6237780") or ("6371306"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/07 09:54
S65	2	("5664628").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/07 11:01
S66	2	("6371306").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/07 11:01
S67	7	("2929464" "4696751" "5876552" "5921399" "5944197" "6237780").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/07 11:03
S68	42	("0163448" "1304918" "1459845" "1747631" "1814598" "1830792" "1879377" "1915931" "1997713" "2082513" "2723032" "2926785" "2929464" "3012674" "3789498" "4380494" "4491517" "4691744" "4696751" "5137622" "5256291" "5256292" "5370797" "5626234" "5653346" "5814218" "5944197" "6000558").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/07 11:06
S69	1	S68 and ortho\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/07 11:12
S70	2	("4696751").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/07 11:12

S71	2	("5273114").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/11 10:53
S72	29	("2513944" "2730176" "3101499" "3111171" "3113621" "3535927" "3557875" "3770054" "3830294" "4026150" "4291395" "4323991" "4366988" "4469178" "4544031" "4665980" "4775016" "4856590" "4964464" "5009272" "5036920").PN. OR ("5273114"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/11 10:54
S73	946913	S72 and check valve	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/11 10:54
S74	4	S72 and check with valve	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/11 10:56
S75	6	((("6766862") or ("6540022") or ("6230802"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/11 10:57
S76	45	("1305915" "1341755" "2207334" "2342913" "2344909" "3670817" "4042032" "4070865" "4102395" "4428426" "4428436" "4474239" "4829100" "4858691" "4945991" "5058676" "5082052" "5113935" "5128390" "5161613" "5161618" "5165476" "5333688" "5341880" "5417284" "5419394" "5435391" "5476143" "5515915" "5560427" "5588487" "5597040" "5609207" "5669445" "5890533" "5921318" "5934376" "6003600" "6059032" "6220345").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/11 11:00
S77	2	S76 and check with valve	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/11 11:03
S78	123761	check with valve	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/11 11:03
S79	896	S78 and shear with pin	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/11 11:04

S80	1254	S78 and shear with pin\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/11 11:04
S81	96	S80 and gravel	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/11 11:23
S82	123761	S78 near[1]shear with pin	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/11 11:23
S83	135602	S78 near[1] shear with pin	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/11 11:24
S84	8092	shear near1 pin	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/11 11:25
S85	775	S78 and S84	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/11 11:25
S86	60	S85 and gravel	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/11 11:32
S87	8	((("4421170") or ("5931232") or ("5850875"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/11 11:33
S88	23	("3051243" "3398795" "3726343" "3913675" "4105069" "4253522" "4428428" "4685519" "4793411" "4842057" "4951750" "5062484" "5174379" "5332038" "5373899" "5597040" "5722490").PN. OR ("6176307").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/11 14:52
S89	23	("20020189808" "4378845" "5115860" "5329998" "5373899" "5492178" "5505260" "5623993" "5722490" "5845712" "5865252" "5954133" "5975205" "6003600" "6059033" "6095245" "6138755" "6176307" "6206100" "6220353" "6230802" "6241013" "6253851").PN. OR ("6601648").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/11 14:55
S90	19	("2753940" "4253522" "4372384" "4685519" "4969524" "5062484" "5174379" "5332038" "5435391" "5443117" "5598891").PN. OR ("5722490").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/11 15:45

S91	51	("2452654" "2876843" "3062284" "3455387" "3706344" "3710862" "3850246" "3913676" "3939927" "3952804" "3963076" "3987854" "4049055").PN. OR ("4372384").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/11 15:54
S92	40	((("US3101526A") or ("US3816894A") or ("US3871411A") or ("US4005234A") or ("US4372384A") or ("US4526230A") or ("US5293935A") or ("US5320178A") or ("US5611399A") or ("US5642781A") or ("US5664628A") or ("US5722490A") or ("5833853") or ("5881812") or ("5909773") or ("5980745") or ("5992518") or ("6006829") or ("6176307") or ("6352111") or ("6382318") or ("6457518") or ("6458283") or ("6510947") or ("6554064") or ("6601648") or ("6619401") or ("6684951") or ("6715544") or ("6848510") or ("20030173075"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 21:16
S93	25	S92 and (press\$5 or compress\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 21:17
S94	2	("20040084177").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/16 21:30